

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E60764

Participation : CTR

Employer : Bonneville Power Administration

Status : Affected

Worksite : Park Place

Survey Type : Online

Street : 8100 Ne Parkway Dr

Response Rate : 64%

Jurisdiction : City of Vancouver

Survey Date : 5/24/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 14.0%

Drive Alone Rate : 86.0%

One-Way VMT per employee : 12.4

Average One-Way distance home to work : 14.8

Employees and Survey Response Information

Reported Total Employees at Worksite: 597

Surveys Distributed : 594

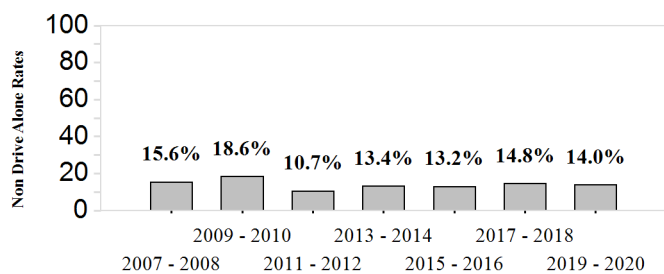
Surveys Returned : 383

Surveys Returned by CTR Affected* Employees : 374

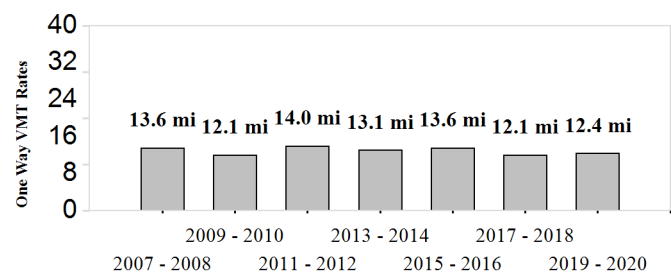
Total Estimated CTR Affected Employees at Worksite : 580

**CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

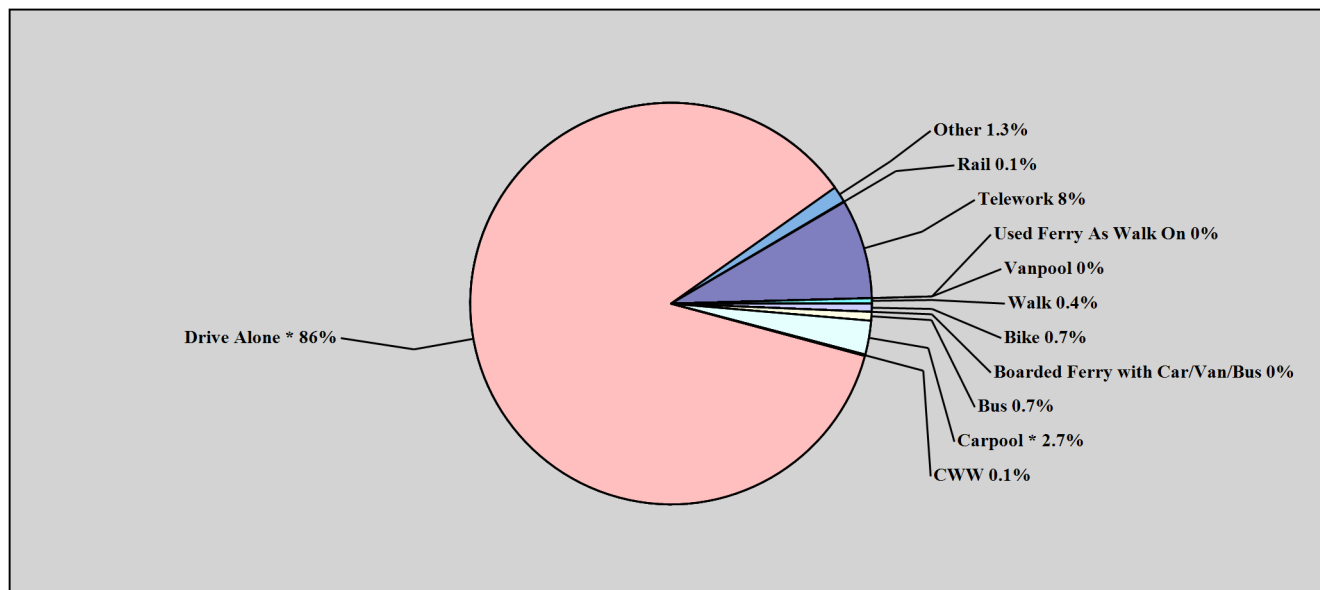
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	15.6%	17.2%	253	807	11.9	13.6	12.9
2009 - 2010	18.6%	18.7%	314	638	9.4	12.1	12.0
2011 - 2012	10.7%	10.5%	600	976	14.4	14.0	14.2
2013 - 2014	13.4%	13.2%	632	895	13.2	13.1	13.1
2015 - 2016	13.2%	12.7%	634	865	12.8	13.6	13.6
2017 - 2018	14.8%	14.7%	545	819	12.1	12.1	12.2
Target	21.6%				Target:	11.2	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-1.6				% Change from Baseline:	-8.8%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



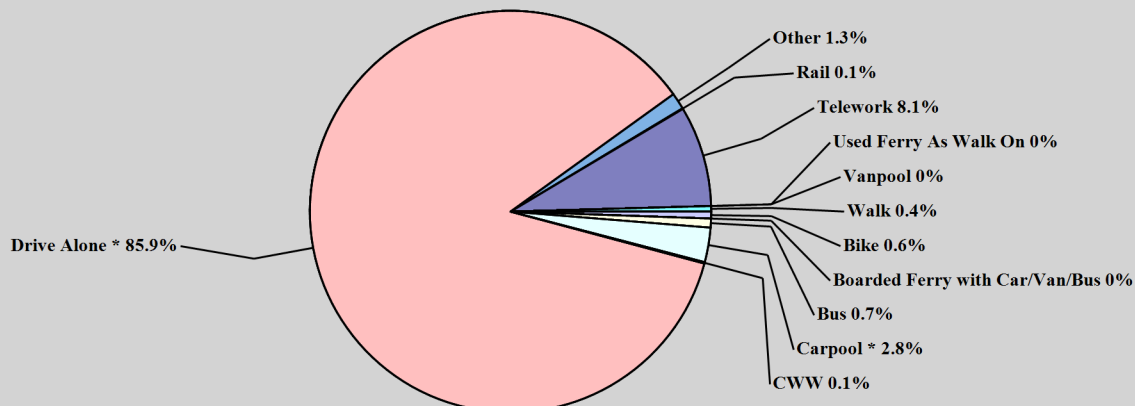
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,578	86.0%	85.2%	365	95.3%	93.5%
Carpool *	50	2.7%	5.0%	16	4.2%	7.0%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	13	0.7%	0.6%	5	1.3%	1.9%
Rail	1	0.1%	0.0%	1	0.3%	0.0%
Bike	12	0.7%	0.6%	5	1.3%	0.9%
Walk	8	0.4%	0.0%	3	0.8%	0.0%
Telework	147	8.0%	8.0%	92	24.0%	26.0%
CWW	2	0.1%	0.3%	2	0.5%	1.4%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	24	1.3%	0.3%	9	2.4%	1.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,547	85.9%	85.3%	357	95.5%	93.8%
Carpool *	50	2.8%	5.1%	16	4.3%	7.1%
Vanpool	0	0.0%	0.0%	0	0.0%	0.0%
Bus	13	0.7%	0.6%	5	1.3%	1.9%
Rail	1	0.1%	0.0%	1	0.3%	0.0%
Bike	10	0.6%	0.6%	4	1.1%	1.0%
Walk	8	0.4%	0.0%	3	0.8%	0.0%
Telework	146	8.1%	7.8%	91	24.3%	25.7%
CWW	2	0.1%	0.3%	2	0.5%	1.4%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	24	1.3%	0.3%	9	2.4%	1.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	259	68%	383	100%
1 Days	55	14%	124	32%
2 Days	40	10%	69	18%
3 Days	8	2%	29	8%
4 Days	7	2%	21	5%
5 Days	14	4%	14	4%
6 or More Days	0	0%	0	0%

Count by Occupancy of Carpools and Vanpools

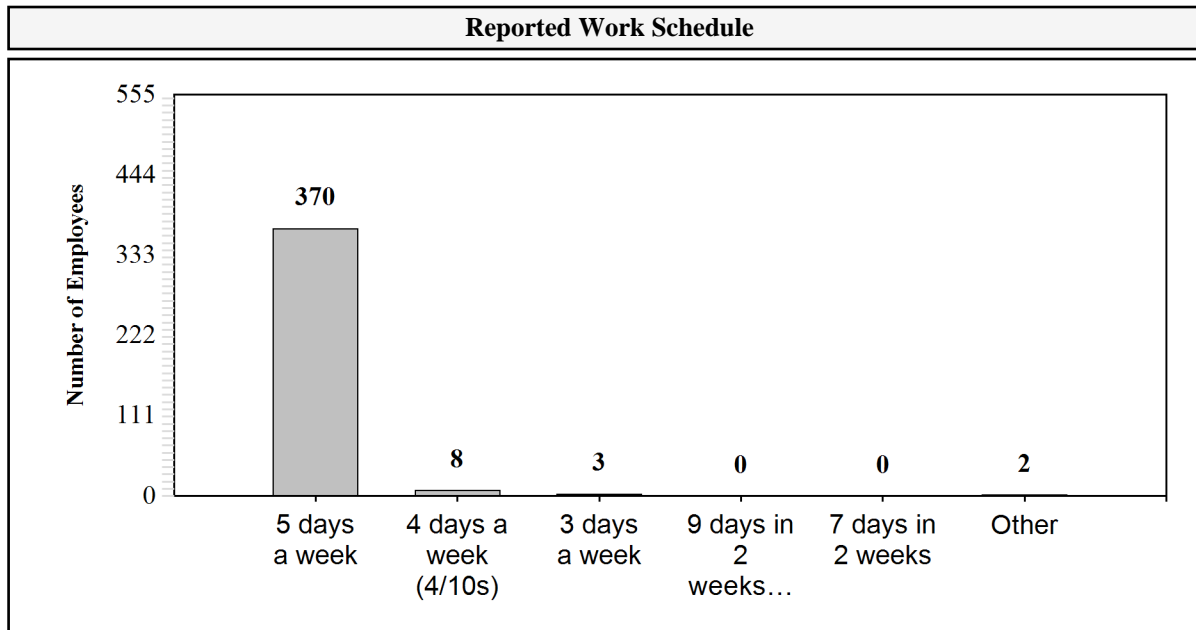
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	46
3	Carpool	4
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

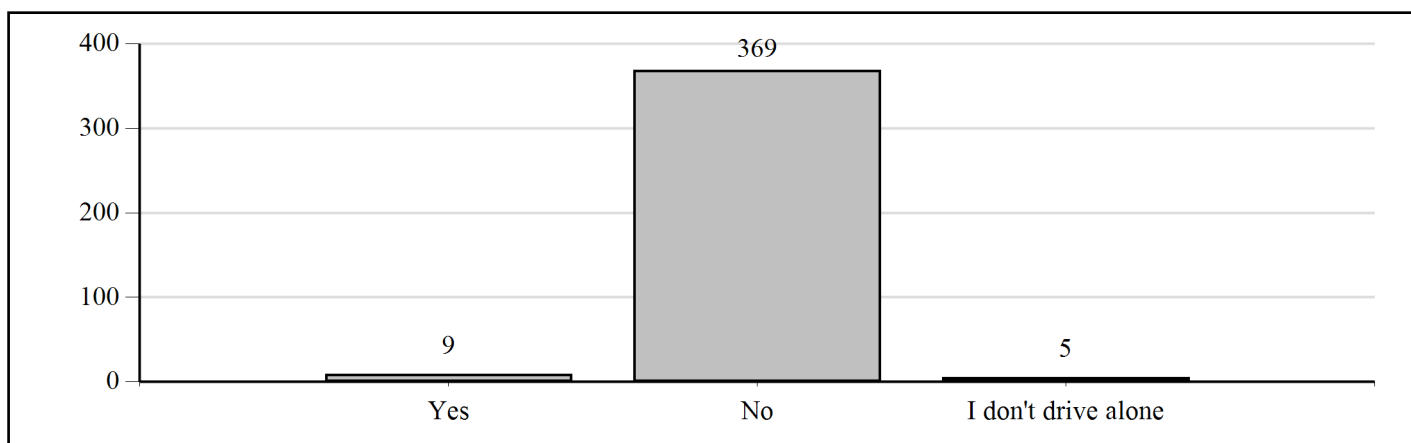
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	370	96.6%
4 days a week (4/10s)	8	2.1%
3 days a week	3	0.8%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	2	0.5%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	67	17.5%
Occasionally, on an as-needed basis	201	52.5%
1-2 days/month	26	6.8%
1 day/week	58	15.1%
2 days/week	23	6.0%
3 days/week	8	2.1%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	218	30.5%
To save money	92	12.9%
Personal health or well-being	88	12.3%
Environmental and community benefits	71	9.9%
Other	67	9.4%
Driving myself is not an option	41	5.7%
Financial incentives for carpooling, bicycling or walking.	38	5.3%
Free or subsidized bus, train, vanpool pass or fare benefit	34	4.8%
Cost of parking or lack of parking	20	2.8%
To save time using the HOV lane	18	2.5%
Emergency ride home is provided	17	2.4%
Preferred/reserved carpool/vanpool parking is provided	8	1.1%
I receive a financial incentive for giving up my parking space	3	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	273	27.7%
Riding the bus or train is inconvenient or takes too long	223	22.6%
Family care or similar obligations	145	14.7%
My commute distance is too short	99	10.1%
Bicycling or walking isn't safe	84	8.5%
Other	79	8.0%
My job requires me to use my car for work	61	6.2%
I need more information on alternative modes	19	1.9%
There isn't any secure or covered bicycle parking	2	0.2%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98685	30	7.83%	126	9	0	0	3	0	0	0	11	0	0	0	0
98607	23	6.01%	100	0	0	0	0	0	0	0	10	1	0	0	1
98604	21	5.48%	88	0	0	5	0	0	0	0	4	0	0	0	0
98662	21	5.48%	88	0	0	0	0	0	0	2	4	0	0	0	5
98682	21	5.48%	95	0	0	0	0	0	0	0	7	0	0	0	0
98665	20	5.22%	89	0	0	2	0	0	2	0	7	0	0	0	0
98686	19	4.96%	88	0	0	0	0	0	0	0	2	0	0	0	1
98671	13	3.39%	51	0	0	4	0	0	0	0	6	0	0	0	0
98684	13	3.39%	52	4	0	0	2	0	0	1	3	0	0	0	0
98642	12	3.13%	42	7	0	0	0	0	0	0	6	0	0	0	3
98661	11	2.87%	41	0	0	0	0	0	5	5	2	0	0	0	0
98663	10	2.61%	38	5	0	0	0	0	2	0	2	0	0	0	0
98683	10	2.61%	38	0	0	0	0	0	0	0	3	1	0	0	0
98629	8	2.09%	25	8	0	0	0	0	0	0	3	0	0	0	1
97206	6	1.57%	26	2	0	0	0	0	0	0	1	0	0	0	0
97213	6	1.57%	29	0	0	0	0	0	0	0	1	0	0	0	0
97217	6	1.57%	20	0	0	0	0	0	2	0	6	0	0	0	0
97230	6	1.57%	27	0	0	0	0	0	0	0	3	0	0	0	0
97223	5	1.31%	19	0	0	0	0	0	0	0	6	0	0	0	0
98674	5	1.31%	18	0	0	0	0	0	0	0	7	0	0	0	0
97008	4	1.04%	20	0	0	0	0	0	0	0	0	0	0	0	0
97080	4	1.04%	16	0	0	0	0	0	0	0	2	0	0	0	0
97211	4	1.04%	22	0	0	0	0	0	0	0	0	0	0	0	0
97229	4	1.04%	18	0	0	0	0	0	0	0	0	0	0	0	0
97236	4	1.04%	17	0	0	0	0	0	0	0	3	0	0	0	0
98660	4	1.04%	13	4	0	0	0	0	0	0	2	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98664	4	1.04%	20	0	0	0	0	0	0	0	0	0	0	0	0
98675	4	1.04%	9	0	0	0	0	0	0	0	4	0	0	0	5
97030	3	0.78%	10	0	0	0	0	0	0	0	3	0	0	0	0
97062	3	0.78%	14	0	0	0	0	0	0	0	1	0	0	0	0
97124	3	0.78%	12	0	0	0	0	0	0	0	2	0	0	0	0
97212	3	0.78%	13	0	0	0	0	0	0	0	2	0	0	0	0
97221	3	0.78%	13	0	0	0	0	0	0	0	0	0	0	0	2
97267	3	0.78%	14	0	0	0	0	0	0	0	1	0	0	0	0
98606	3	0.78%	13	0	0	0	0	0	0	0	1	0	0	0	0
97005	2	0.52%	10	0	0	0	0	0	0	0	0	0	0	0	0
97006	2	0.52%	5	4	0	0	0	0	0	0	1	0	0	0	0
97007	2	0.52%	9	0	0	0	0	0	0	0	0	0	0	0	0
97015	2	0.52%	8	0	0	0	0	0	0	0	2	0	0	0	0
97035	2	0.52%	9	0	0	0	0	0	0	0	1	0	0	0	0
97089	2	0.52%	9	0	0	0	0	0	0	0	0	0	0	0	0
97140	2	0.52%	10	0	0	0	0	0	0	0	0	0	0	0	0
97203	2	0.52%	7	0	0	0	0	0	0	0	0	0	0	0	0
97210	2	0.52%	8	0	0	0	0	0	0	0	1	0	0	0	0
97220	2	0.52%	8	0	0	0	1	0	0	0	1	0	0	0	0
97222	2	0.52%	10	0	0	0	0	0	0	0	0	0	0	0	0
97233	2	0.52%	6	0	0	0	0	0	0	0	4	0	0	0	0
97266	2	0.52%	5	0	0	0	0	0	0	0	0	0	0	0	0
98626	2	0.52%	5	5	0	0	0	0	0	0	0	0	0	0	0
98632	2	0.52%	10	0	0	0	0	0	0	0	0	0	0	0	0
	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
83709	1	0.26%	0	0	0	0	0	0	0	0	5	0	0	0	0
90606	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97002	1	0.26%	4	0	0	0	0	0	0	0	1	0	0	0	0
97009	1	0.26%	4	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97031	1	0.26%	2	0	0	0	0	0	0	0	2	0	0	0	0
97034	1	0.26%	0	0	0	0	5	0	0	0	0	0	0	0	0
97045	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97048	1	0.26%	4	0	0	0	0	0	0	0	1	0	0	0	0
97055	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97056	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97060	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97086	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97106	1	0.26%	3	0	0	0	0	0	0	0	1	0	0	0	0
97116	1	0.26%	0	0	0	0	0	0	0	0	0	0	0	0	0
97201	1	0.26%	3	0	0	0	0	1	0	0	1	0	0	0	0
97202	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97209	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97214	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97215	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97216	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97218	1	0.26%	4	0	0	0	0	0	0	0	1	0	0	0	0
97224	1	0.26%	0	0	0	0	0	0	0	0	0	0	0	0	5
97227	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	1
97231	1	0.26%	2	2	0	0	0	0	1	0	0	0	0	0	0
97232	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
97304	1	0.26%	4	0	0	0	0	0	0	0	1	0	0	0	0
98106	1	0.26%	3	0	0	0	2	0	0	0	0	0	0	0	0
98126	1	0.26%	5	0	0	0	0	0	0	0	0	0	0	0	0
98591	1	0.26%	3	0	0	0	0	0	0	0	2	0	0	0	0
98601	1	0.26%	7	0	0	0	0	0	0	0	0	0	0	0	0
98625	1	0.26%	3	0	0	0	0	0	0	0	2	0	0	0	0
98649	1	0.26%	3	0	0	0	0	0	0	0	2	0	0	0	0
99337	1	0.26%	0	0	0	0	0	0	0	0	3	0	0	0	0